

INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB2004/003612

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A47C23/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 A47C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 222 137 A (USAMI NOBUO) 16 September 1980 (1980-09-16)	1,2,4,5, 12
Y	the whole document	11
X	US 2 595 072 A (GOTTSCHALK VICTOR H) 29 April 1952 (1952-04-29)	1,2,4,5, 12
Y	the whole document	11
X	US 3 252 170 A (FRYE JAMES R) 24 May 1966 (1966-05-24)	1-5,12
Y	the whole document	11
X	US 2 049 550 A (DRESSER WILLIAM C VAN ET AL) 4 August 1936 (1936-08-04)	1-5,12
Y	the whole document	11
		-/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *O* document referring to an oral disclosure, use, exhibition or other means
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- *&* document member of the same patent family

Date of the actual completion of the International search

15 December 2004

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23/12/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	AU 551 300 B (TREC INTERNATIONAL LTD) 24 April 1986 (1986-04-24) the whole document -----	1-5,12
Y		11
X	US 2 558 288 A (CARL BACKUS) 26 June 1951 (1951-06-26) the whole document -----	1-5,12
Y		11
X	US 2 985 895 A (ABRAHAM BLOOM) 30 May 1961 (1961-05-30) the whole document -----	1-5,12
Y		11
A	US 6 295 673 B1 (MOSSBECK NIELS S) 2 October 2001 (2001-10-02) the whole document -----	6,7,9,10

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB2004/003612

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 4222137	A	16-09-1980	JP	54126163 A		01-10-1979
			JP	54139506 U		27-09-1979
			JP	54159059 A		15-12-1979
			JP	1444151 C		08-06-1988
			JP	55021932 A		16-02-1980
			JP	62050129 B		22-10-1987
			CA	1111154 A1		20-10-1981
US 2595072	A	29-04-1952		NONE		
US 3252170	A	24-05-1966		NONE		
US 2049550	A	04-08-1936		NONE		
AU 551300	B	24-04-1986	AU	551300 B2		24-04-1986
US 2558288	A	26-06-1951		NONE		
US 2985895	A	30-05-1961		NONE		
US 6295673	B1	02-10-2001	AU	5225399 A		14-02-2000
			EP	1100361 A2		23-05-2001
			WO	0004807 A2		03-02-2000
			US	6574811 B1		10-06-2003